

PROCEEDINGS
OF THE
BIOLOGICAL SOCIETY OF WASHINGTON

A NEW BAT OF THE GENUS *ANTROZOUS* FROM
CALIFORNIA.

BY C. HART MERRIAM.

Up to the present time only a single species of the genus *Antrozous* has been recognized. It was described by Le Conte in 1853, under the name *Vespertilio pallidus*, from a specimen said to be from California. But later, both Baird* and Harrison Allen† state explicitly that Le Conte's type came from El Paso, Texas, where it was collected by the U. S. and Mexican Boundary Commission. Moreover, the measurements of the type specimen show that it is the Sonoran desert form—not the Californian.

The specimens collected in Nevada and California by the Death Valley Expedition in 1891 show that the typical form ranges westward from El Paso over the Sonoran deserts of the southern part of the Great Basin as far as Owens Valley, at the east base of the Sierra Nevada, and that another form occupies the region west of the Sierra. The latter was described by me five years ago, under the name *Antrozous pallidus pacificus*, but the description, along with a number of others of new mammals collected by the expedition, was held for the mammal report, which has been so long delayed and which is not likely to be printed for another year. For this reason it is thought best to publish the description in advance of the report, and it is presented herewith.

The Biological Survey has secured a fine series of specimens of *Antrozous*, illustrating its distribution from Mexico to Oregon ;

* Mexican Boundary Survey, vol. II, part II, Mammals, p. 5, 1859.

† Monograph of the Bats of North America, p. 69, 1864.

but since the detailed ranges of the two forms will be given shortly in Mr. Gerrit S. Miller's Monographic Revision of the Vespertilionidæ, they need not be repeated here.

The type of the new form is selected from three specimens shot by me at old Fort Tejon, California, on the evening of June 28, 1891. Two of these three specimens were females containing large embryos, nearly ready for birth.

***Antrozous pallidus pacificus* subsp. nov.**

Type from old Fort Tejon, Cañada des las Uvas, California. No. 29815, ♂, U. S. Nat. Mus., Biological Survey Coll. Collected June 28, 1891, by C. Hart Merriam. Original No. 208.

General characters.—Similar to *A. pallidus* but uniformly larger (forearm averaging 5 mm. or more longer) and darker; ears somewhat narrower (breadth 18 or less instead of 21 or more) and less convex anteriorly, with posterior edge of upper third slightly emarginate instead of straight.

Color.—Upper parts ochraceous buff, strongly washed with dusky; under parts rich buff instead of whitish.

Measurements (of type, from alcoholic specimen).—Head and body, 70; tail, 43; head, 25; ear from external basal angle, 30; tragus from inner base, 10; greatest breadth of ear, 17.5; forearm, 59; thumb, 11; 3d finger, 93; 5th finger, 73; tibia, 21; hind foot, 13.